

AMENDMENTS TO THE CLAIMS AND LISTING OF CLAIMS

1. (Currently amended) A radiator comprising:

a radiator core defining a front and a rear face thereof and including a plurality of generally rectangular shaped tubes interleaved with layers of fins for passage of air through said core; and

a collecting tank attached to said core in a fluid tight manner to provide fluid communication between said tubes and said collecting tank;

said tubes each having a pair of side walls extending through said core and joined by end walls at said front and rear faces of said core;

said tubes each terminating at one end thereof in a formed segment wherein said end walls of each tube are bifurcated for a distance from said one end of the tube, and at least one of said side walls is directed away from the other side wall to be adapted to contact a side wall of an adjacent tube in the core;

said directed side wall being joined in a fluid tight manner to said contacted side wall of said adjacent tube;

said collecting tank having walls thereof extending over said front and rear faces of said core past said bifurcation of said end walls and joined in a contacting, fluid tight manner to said end walls of said tubes along and beyond said bifurcation to thereby form a fluid tight joint between said walls of said collecting tank and said end walls of said tubes.

2. (Previously amended) The radiator of claim 1 wherein both side walls are directed

away from each other to be adapted to contact an adjacent tube.

3-10. (Withdrawn)

11. (Currently amended) A method for fabricating a header-less radiator comprising:

fabricating a plurality of tubes, each having a generally rectangular cross section comprised of a pair of spaced side walls joined by a pair of end walls;

adapting one end of each of said tubes to provide a formed segment having said end walls bifurcated for a distance from said one end and at least one side wall in said formed segment adapted to contact and seal against a side wall of an adjacent one of said tubes when said tubes are joined together in an interleaved configuration with layers of fin to form a radiator core;

assembling a radiator core in a manner defining a front and a rear face thereof and including said plurality of generally rectangular shaped tubes interleaved with layers of fins for passage of air through said core;

said side walls of said tubes extending through said core with said end walls at said front and rear faces of said core; and with said adapted side walls in said formed segments of said tubes contacting a side wall of an adjacent tube in the core;

joining each said adapted side wall in said formed segments in a fluid tight manner to said contacted side wall of said adjacent tube;

attaching a collecting tank having walls thereof extending over said front and rear

faces of said core past said bifurcation of said end walls and in contact with said end walls; and joining said collecting tank in a fluid tight manner to said end walls of said tubes along and beyond said bifurcation to thereby form a fluid tight joint between said walls of said collecting tank and said end walls of said tubes.

12. (Currently Amended) ~~The method of claim 11 wherein~~

A method for fabricating a header-less radiator comprising:

fabricating a plurality of tubes, each having a generally rectangular cross section comprised of a pair of spaced side walls joined by a pair of end walls;

adapting one end of each of said tubes to provide a formed segment having said end walls bifurcated for a distance from said one end and at least one side wall in said formed segment adapted to contact and seal against a side wall of an adjacent one of said tubes when said tubes are joined together in an interleaved configuration with layers of fin to form a radiator core;

assembling a radiator core in a manner defining a front and a rear face thereof and including said plurality of generally rectangular shaped tubes interleaved with layers of fins for passage of air through said core;

said side walls of said tubes extending through said core with said end walls at said front and rear faces of said core; and with said adapted side walls in said formed segments of said tubes contacting a side wall of an adjacent tube in the core;

joining each said adapted side wall in said formed segments in a fluid tight

manner to said contacted side wall of said adjacent tube;

attaching a collecting tank having walls thereof extending over said front and rear faces of said core past said bifurcation of said end walls; and

joining said collecting tank in a fluid tight manner to said end walls of said tubes along and beyond said bifurcation to thereby form a fluid tight joint between said walls of said collecting tank and said end walls of said tubes;

the step of adapting one end of each of said tubes is being carried out after assembling said radiator core.

13. (Original) The method of claim 12 wherein the step of adapting includes forming at least one of said side walls in said formed segment at said one end of said tubes to contact a side wall of an adjacent tube in said core by inserting a forming tool into said one end of each of said plurality of tubes.